

Rahat Sayyed

Web-3.0 Developer

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PROFESSIONAL EXPERIENCE

Feb 2023 – present	<div>Web 3.0 Developer <i>Konma Dao</i></div> <ul style="list-style-type: none">Spearheaded the development of Unikron, a Multichain Meta DEX & Yield Aggregator, by integrating backend and frontend functionalities using Next & Lucid Evo.Designed and implemented Karbon Ledger, a blockchain-based ESG compliance protocol, by building Aiken smart contracts for carbon credit minting, trading, and multi-signature validation, and integrating these with frontend.Actively engaged the community, fostering contributions and providing comprehensive documentation.Actively contributed to the creation of innovative frameworks and dApps, showcasing practical applications of Web 3.0 technologies.
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EDUCATION

Aug 2019 – Jun 2023 Pune, India	<div>Bachelors' of Engineering: Computer Engineering <i>Keystone School of Engineering</i></div> <ul style="list-style-type: none">Secured 8.3 CGPAPursued advanced coursework in Web Development and Blockchain technologies through advanced classes in an advanced developer courseAuthored an article on leveraging digital trends to enhance student focus and productivity.
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LANGUAGES

JavaScript	Aiken
TypeScript	Solidity
Python	

SKILLS

Blockchain: Cardano CLI Lucid Evo. Mesh.js	
DB: Firestore MongoDB	Backend: Node Express.js API
Frontend: React Next Tailwindcss	

CERTIFICATION

Sep 2024 – Jan 2025	Aiken Development Program: Completed Certified Aiken Course by Emurgo Academy
Feb 2023 – Jul 2023	Haskell & Plutus: Completed 80+ hours intensive training in Haskell and Plutus by Konma.
Jan 2022 – Jul 2022	Ethereum and Solidity: Completed an intensive 300+ hour course with a holistic approach at Codedamn.
Nov 2021 – Apr 2022	Web Development Certification: Completed a comprehensive program at NIIT, in modern web development technologies.

PROJECTS

Oct 2024 – Jan 2025

Talendro

Decentralized freelance platform leveraging Cardano blockchain

- Designed and implemented a smart contract ecosystem enabling secure, escrow-mediated payments and decentralized dispute resolution.
- Engineered a reputation-based staking and slashing mechanism, enhancing accountability among freelancers and clients.
- Developed immutable, blockchain-backed user profiles to ensure transparent and tamper-proof reputation management.
- Integrated arbitration mechanisms, including Level 2 arbitrator resolution, for unbiased and fair dispute handling.
- Enhanced user transparency by introducing slashing history and reputation tracking, improving trust among platform users.

Nov 2024 – present

Karbon Ledger

Blockchain-based protocol for carbon neutrality

- Designed and implemented Aiken-based smart contracts for minting and distributing carbon credits.
- Implemented multi-signature validation mechanisms for enhanced security in credit transactions.
- Integrated blockchain functionality with a user-friendly frontend using lucid.js and Next.js for seamless interaction and real-time data visualization.
- Contributed to compliance monitoring mechanisms and ESG reporting features.
- Developed a secure marketplace for carbon credits and a registry for verified offset projects to ensure transparency and authenticity.

Dec 2024 – present

Unikron: Multichain Meta DEX & Yield Aggregator

Decentralized exchange aggregator and yield farming platform

- Developed the frontend using Next.js and integrated it with the Haskell backend for seamless Cardano blockchain functionality.
- Contributed to the development of Cardano's Meta DEX Aggregator, enabling seamless cross-chain swaps with trustless bridge integration.
- Collaborated on the roadmap for the Cardano Meta DEX V1, aligning with the Q1/2025 project milestones.